

EXPLANATION

KRCRA
BOUNDARY

KNOWN RECOVERABLE COAL RE-
SOURCE AREA—Area in which the Fed-
eral coal land is classified, (1) as subject to
the coal leasing provisions of the Mineral
Leasing Act of 1920, as amended and,
(2) by virtue of the available data, being
sufficient to permit evaluation as to extent,
location, and potential for developing
commercial quantities of coal.

NON-FEDERAL COAL LAND—Land for
which the Federal Government does not
own the coal rights.

COAL LEASE
W0146199

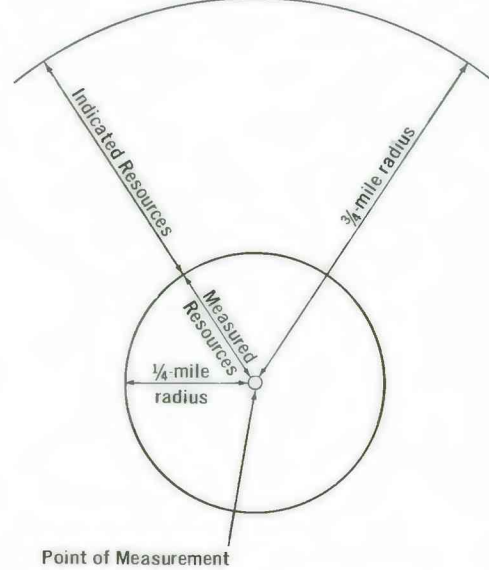
COAL LEASE—An area of Federal coal
lands in which the Federal Government
has entered into a contractual agree-
ment for development of the coal deposits.

STRIPPING LIMIT LINE—Boundary for
surface mining of the coal bed. Limit is 200
feet of overburden. Arrows point toward
the area suitable for strip mining. Re-
covery factor of 85 percent within that
area in this quadrangle.

BOUNDARY OF RESERVE BASE COAL—
Segments comprising the boundary line
include: (1) the outcrop of coal bed or con-
tact between burned and unburned coal
where the coal is 5 feet (1.5 m) or more
thick, (2) the 5-foot (1.5 m) coal isopach,
(3) an arc 3 miles from the nearest coal
measurement point, (4) insufficient data
lines, (5) the coal isopach farthest down-
dip from the outcrop trace, (6) boundaries
of leased Federal coal and non-Federal
coal land, and (7) KRCRA boundaries.
Arrows point toward areas of Reserve
Base coal.

LOCATION OF SURFACE COAL
MEASUREMENT
thickness of coal, in feet
19/8.8

LOCATION OF SUBSURFACE
COAL MEASUREMENT
ratio of coal thickness to interburden



BOUNDARY LINES—Enclosing areas of
measured, indicated, and inferred coal
resources of the coal bed.

RB R(85%)
1.0 .86 (Meas. resources)
.66 .56 (Ind. resources)
- - (Inf. resources)

IDENTIFIED COAL RESOURCES OF
THE 77 (79) COAL BED—Showing totals
for Reserve Base (RB) and Reserves (R),
in millions of short tons, for each section
or part(s) of section of Federal coal land
within the stripping-limit line. Dash indi-
cates no resources in that category.
Reserve Base (RB) X the Recovery Factor
(85 percent) = Reserves (R).

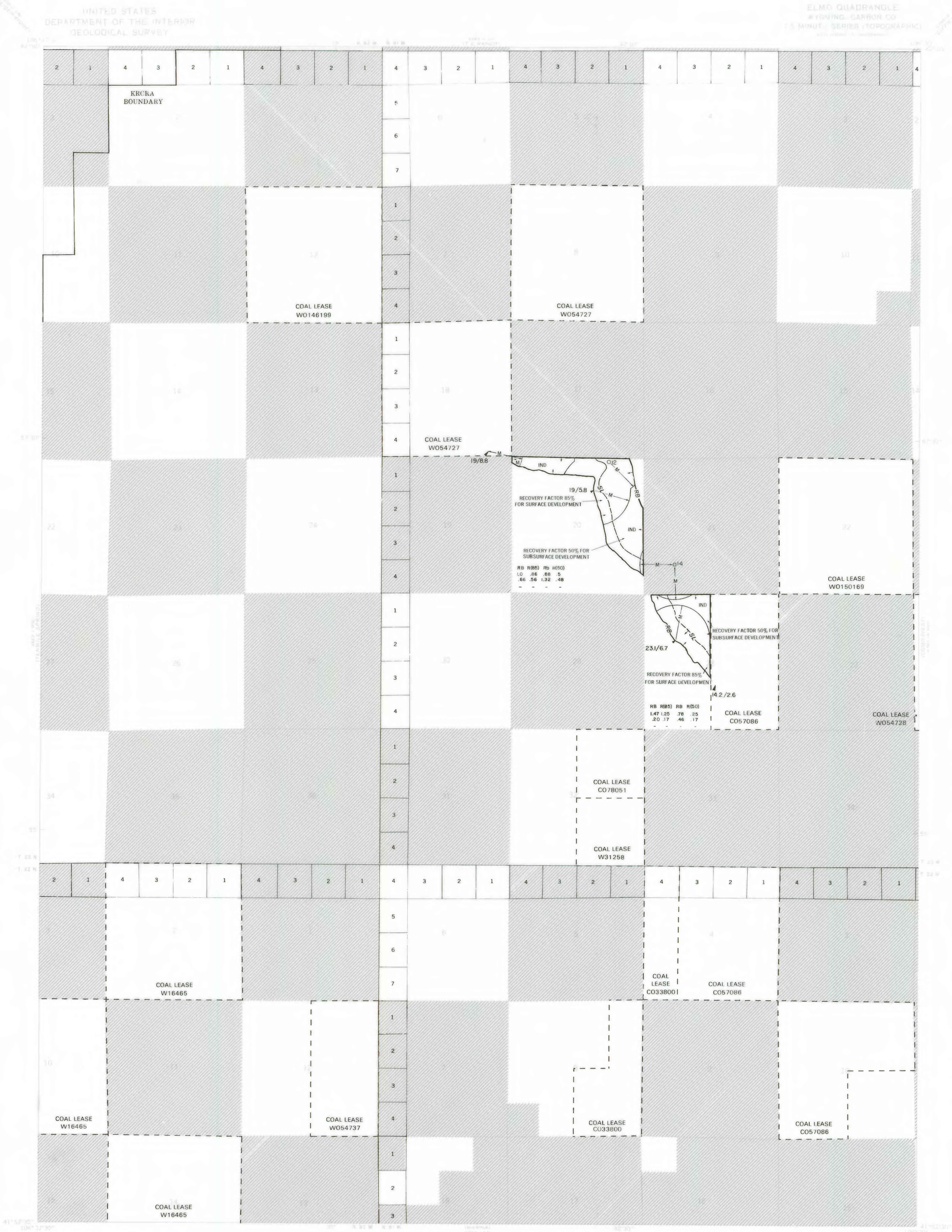
RB R(50%)
.86 .5 (Meas. resources)
1.32 .46 (Ind. resources)
- - (Inf. resources)

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Reserve Base (RB) X the Recovery Factor
(50 percent) = Reserves (R).

To convert short tons to metric tonnes mul-
tiply short tons by 0.9072.

OPEN FILE REPORT

This report has not been edited for con-
formity with U.S. Geological Survey edito-
rial standards or stratigraphic nomencla-
ture.



Base map from U.S. Geological Survey, 1971

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